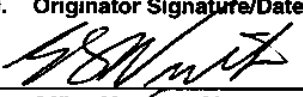


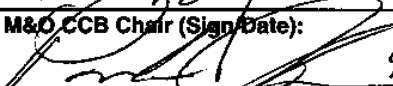


ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Evan Winston	2. Log Date: 9/1/00	3. CCR #: 00-0901	4. Rev: -	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.05_SDSRV.01 to DAACs, VATC, & PVC. SDSRV keeps going down at GSFC; Ops impeded.						
9. Originator Signature/Date  9/1/00		10. Class II	11. Type: CCR	12. Need Date: 1SEPT2000		
13. Office Manager Signature/Date  9/1/00		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected:SDSRV		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR ECSed27733						
23. Problem: (use additional Sheets if necessary) New TE needs to be released that will provide the same problem resolution as below. This new TE is needed to match baseline changes that have been made with the 5B.05C code Original Problem: SDSRV still keeps going down at GSFC; OPS impeded. SDSRV core dumps at least several times each hour, cannot do ingest, production or distribution. Problem still persists after delivery and install of TE 5B.04_SDSRV.01 at GSFC on 8/11/00 (since corrected by .02).						
24. Proposed Solution: (use additional sheets if necessary) Test Executable 5B.05_SDSRV.01 provides fixes to the problem listed above. The fix was tested at GSFC and solves the problems. This TE can only be loaded on top of 5B.03, 5B.04, or 5B.05C. TEs 5B.04_SDSRV.01 & .02 are now obsolete!!! NOTE: This 5B.05_SDSRV.02 TE MUST be re-installed following installation of the 5B.05C version software. where TE 5B.04_SDSRV.01 has already been applied.						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.06 is available at the DAACs.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs must continue to work around the problems and/or modify operating procedures.						
27. Justification for Emergency (If Block 15 is "Emergency"): Resolves Immediate GSFC DAAC operational problem.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): 		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):  9/1/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

CM01JA00

ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 00-0901 Rev: — Originator: Evan Winston

Telephone: 301.925.0348

Office: DEV/CO

Title of Change: Test Executable 5B.05_SDSRV.01 to DAACs, VATC, & PVC. SDSRV keeps going down at GSFC; Ops impeded.

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B baseline and provide to the SMC.

Please generate a sun tar file(s) for test executable 5B.05_SDSRV.01 to include the following files from the 5B06 (DROP5B_sun5.5 view) branch.

The following should be included:

The entire package .EcDsSdSDSRV.pkg (by running mkdeliver) and

ALL the files in the following directory:
/ecs/formal/ESDT/lib/sun5.5 (all the DLLs)

SMC: Provide the Tar files to the DAACs, PVC and VATC.

Install Instructions:

Please NOTE: This TE can be loaded on top of 5B.03 or 5B.04 or 5B.05 installations. It MUST be re-loaded on top of any 5B.05C software version install.

NOTE: Distribution to DAACs, PVC and VATC.

This Test Executable rectifies the core dump problems within the SDSRV. The entire SDSRV package must be installed as per the directions below.

Installation Procedure:

On the Science Data Server Host,

- 1) Bring up ECS Assist and use Subsystem manager to install the .EcDsSdSDSRV.pkg.
- 2) Use Ecs Assist to run the database patch 58.58.
- 3) Use the Registry GUI to add the following configuration parameters:
SDSRV_NOTIFIERQ_DATARETENTIONHOURS with a values of 48
SDSRV_NOTIFIERQ_CLEANUPINTERVALSECS with a values of 3600
SDSRV_REQUEST_CLEANUPINTERVALSECS with a value of 3600
SDSRV_REQUEST_DATARETENTIONHOURS with a value of 48
- 4) As cm<MODE>: Perform the following:
Go to the directory where the ESDT DLLs are maintained
cd /usr/ecs/<MODE>/CUSTOM/lib/ESS

cp /distribution_directory/5B.05_SDSRV.01/*ESDT*.so
- 5) As cmshared /allmode: execute the following command
cp ./ESDT*.so/usr/ecs/<MODE>/CUSTOM/lib/DSS

Library files are placed as follows:
/usr/ecs/<mode>/custom/lib/DSS

ScienceDataServer executable is placed as follows:
/usr/ecs/<mode>/custom/bin/DSS